

REMARKS

Independent Claim 1

The Examiner rejected claims 1 and 2 as being anticipated by Mole. We submit however that Mole does not disclose a transformer having primary winding and a secondary winding. We recognize that the Examiner appears to broadly interpret Mole's stator winding 111 and superconductive field winding 115 as being primary and secondary windings of a transformer, respectively. However, Mole's windings simply are not windings of a transformer, as required by independent claim 1.

We further submit that Mole does not disclose a rotatable enclosure including a wall having an intermediate core positioned between the primary and secondary winding. Even if a person of skill in the art would somehow interpret Mole's magnetic poles 117 as being an intermediate core, Mole's poles are not positioned between what the Examiner interprets as being primary and secondary windings (stator and superconductive field windings, respectively). As shown most clearly in Fig. 5, at best, Mole's magnetic poles are positioned between spaced ones of Mole's superconductive field windings 115. Thus, we submit that independent claim 1 is patentably distinct from the disclosure provided in the Mole patent.

Claim 2 depends from independent claim 1, we submit that this claim is patentable for at least the same reasons that claim 1 is patentable.

The Examiner also rejected dependent claims 3-7 as being unpatentable over Mole in view of Rao. Rao was cited as disclosing primary and secondary windings in the form of disks. However, Rao fails to disclose the feature found to be missing from Mole. In particular, Rao does not disclose a rotatable enclosure including a wall having an intermediate core positioned between the primary and secondary winding, as required by independent claim 1.

Independent Claim 8

The Examiner rejected independent claim 8 as being anticipated by Mole. We submit however that Mole does not disclose a rotatable enclosure comprising a wall including a flux window positioned between a primary of a transformer disposed external to the enclosure and a

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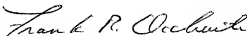
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secondary of the transformer disposed within the enclosure. Even if a person of skill in the art would construe Mole's cryogenic magnetic pole '117 as a flux window, Mole's flux window is not positioned between a primary of a transformer disposed external to the enclosure and a secondary of the transformer disposed within the enclosure, as required by independent claim 8

Applicant asks that all claims be allowed. Enclosed is a Petition for Two Month Extension of Time with the required fee of \$400. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

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